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(54) METHOD AND DEVICE FOR RATE CONVERSION
OF IMAGE ENCODED DATA

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(57) Abstract:

PURPOSE: To provide a rate conversion device for image encoded data which has performance similar to trans-encoding by using a means which is simpler than the trans-encoding.

CONSTITUTION: Image encoded data 1a which are inputted from an encoded data input terminal 1 and encoded at an encoding rate R1 are supplied to a variable length decoder 2. The variable length decoder 2 decodes the data after variable length encoding and DCT encoding information 2a is inputted to an inverse quantizer 3. A quantizer controller 5 finds a quantization step required for requantization to control a quantizer 6. The DCT encoding information 2a quantized inversely by the inverse quantizer 3 is restored to a DCT coefficient 3a. This DCT coefficient 3a is quantized again by the quantizer 6 in a quantization step Q determined by the quantizer controller 5 and inputted to a variable length encoder 7. The variable length encoder 7 outputs image encoded data 7a, encoded at an encoding rate R2, to an encoded data output terminal 8 after the variable length encoding.

